

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

**1-13. (cancelled)**

14. (new) A wastewater treatment apparatus that treats a wastewater containing persistent substances comprising:

a wastewater treatment bath for treating the wastewater;

an oxidizing reagent adding unit for adding an oxidizing reagent in the wastewater treatment bath; and

an alkaline reagent adding unit for adding an alkaline reagent in the wastewater treatment bath.

15. (new) The wastewater treatment apparatus according to claim 14, wherein an acid treatment bath having an acid adding unit for adding an acid is provided on the back stream side of the wastewater treatment bath.

16. (new) The wastewater treatment apparatus according to claim 14, wherein a concentration ratio of (oxidizing reagent carried-in effective oxygen amount (mg/L))/COD concentration in wastewater (mg/L)) in the wastewater treatment bath falls within a range from 10 to 0.7.

17. (new) The wastewater treatment apparatus according to claim 15, wherein a pH of the wastewater treatment bath falls within a range from 2 to 6.

18. (new) The wastewater treatment apparatus according to claim 14, wherein an activated carbon absorbing unit for removing organic materials and/or a filtering unit for removing suspended matters in the wastewater is provided as a pre-processing unit.

19. (new) A wastewater treatment apparatus that treats a wastewater containing persistent substances comprising:

- a wastewater treatment bath for treating the wastewater;
- an oxidizing reagent adding unit for adding an oxidizing reagent in the wastewater treatment bath; and
- an ultraviolet treatment unit for irradiating an ultraviolet ray.

20. (new) The wastewater treatment apparatus according to claim 19, wherein the alkaline reagent adding unit for adding an alkaline reagent in the wastewater treatment bath is provided.

21. (new) The wastewater treatment apparatus according to claim 19, wherein an acid treatment bath having an acid adding unit for adding an acid is provided on the back stream side of the wastewater treatment bath.

22. (new) The wastewater treatment apparatus according to claim 19, wherein a concentration ratio of (oxidizing reagent carried-in effective oxygen amount (mg/L))/COD concentration in wastewater (mg/L)) in the wastewater treatment bath falls within a range from 10 to 0.7.

23. (new) The wastewater treatment apparatus according to claim 19, wherein a concentration ratio of (oxidizing reagent carried-in effective oxygen amount (mg/L))/COD concentration in wastewater (mg/L)) in the ultraviolet treatment unit falls within a range from 20 to 0.5.

24. (new) The wastewater treatment apparatus according to claim 19, wherein a pH of the wastewater treatment bath falls within a range from 7 to 12.

25. (new) The wastewater treatment apparatus according to claim 21, wherein a pH of the wastewater treatment bath falls within a range from 2 to 6.

26. (new) The wastewater treatment apparatus according to claim 19, wherein an activated carbon bath and a neutralizing bath are provided on the back stream side of the

ultraviolet treatment unit.

27. (new) The wastewater treatment apparatus according to claim 19, wherein a pH adjusting unit is provided on the front stream side of the ultraviolet treatment unit.

28. (new) The wastewater treatment apparatus according to claim 19, wherein a reducing bath is provided on the back stream side of the ultraviolet treatment unit.

29. (new) The wastewater treatment apparatus according to claim 28, wherein an aeration bath is provided on the back stream side of the reducing bath.

30. (new) The wastewater treatment apparatus according to claim 19, wherein an activated carbon absorbing unit for removing organic materials and/or a filtering unit for removing suspended matters in the wastewater is provided as a pre-processing unit.